



HASA ECO-SAFE WATER CLARIFIER

Safety Data Sheet

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Safety Data Sheet (SDS No. 307)

Emergency 24 Hour Telephone: **CHEMTREC 800.424.9300**

Corporate Headquarters: Hasa Inc.
P. O. Box 802736
Santa Clarita, CA 91355
Telephone • 661.259.5848
Fax • 661.259.1538

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1	Product Identification:	
1.1.1	Product Name:	HASA ECO-SAFE WATER CLARIFIER
1.1.2	CAS # (Chemical Abstracts Service):	Mixture (See Section 3).
1.1.3	RTECS (Registry of Toxic Effects of Chemical Substances):	No information available.
1.1.4	EINECS (European Inventory of Existing Chemical Substances):	No information available.
1.1.5	Synonym:	No information available.
1.1.6	Chemical Name:	No information available.
1.1.7	Chemical Formula:	No information available.
1.1.8	Formula Weight:	No information available.
1.2	Recommended Uses:	Swimming pool or spa water clarifier.
1.3	Company Identification:	Hasa Inc. P. O. Box 802736 Santa Clarita, CA 91355
1.4	Emergency Telephone Number:	CHEMTREC 1-800-424-9300 (24 hour)
1.5	Non-Emergency Assistance:	661-259-5848 (8 AM – 5 PM PST / PDT)

SECTION 2: HAZARD(S) IDENTIFICATION

Classification	Not subject to GHS classification.
Health Hazard	Not applicable.
Symbol	Not applicable.
Signal Word	Not applicable.
Hazard Statements	Not applicable.
Precautionary Statements	Not applicable.

SECTION 3: COMPOSITION INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Weight %
Trade secret* (This product is claimed as trade secret in accordance with the provision of OSHA 29 CFR 1910.1200(i), all known hazards are clearly communicated within this document.		

SECTION 4: FIRST AID MEASURES

4.1	IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
4.2	IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
4.3	IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
4.4	IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

SECTION 5: FIRE FIGHTING MEASURES

5.1	Flash Point by TCC (Tagliabue Closed Cup Method):	Not available.
5.2	Unique Fire Properties:	None known.
5.3	Hazardous Combustion Products:	None known.
5.4	Extinguishing Media:	Does not burn. Use water, dry chemicals, carbon dioxide, sand or foam. Use extinguishing media appropriate for surrounding fire.
5.5	Firefighting Protections:	Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Water may be used to keep fire-exposed containers cool until fire is out.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Protective Equipment: See Section 8.
 Methods for cleaning up: Spill materials may be absorbed using sand, clay or commercial absorbent. Containerize and label all spill materials properly. Decontaminate all clothing and the spill area by flushing with large amounts of water.
 Dispose of per guidelines under Section 13: Disposal Considerations

SECTION 7: HANDLING AND STORAGE

7.1	Handling:	Store in a cool, dry, well-ventilated area. Avoid contact with eyes, skin, and clothing. User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. User should remove clothing/PPE immediately if product gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing. Wash the outside of gloves before removing. Follow manufacturer's instructions for cleaning/maintaining PPE. If not such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.
7.2	Storage:	Store in original container in a cool, dry and well ventilated area away from direct heat. Do not allow to freeze. Store away from strong oxidizers and strong bases.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1	Engineering Controls:	Provide adequate ventilation.
8.2	Personal Protection:	Safety goggles recommended. Avoid skin contact with protective gloves and clothing. Wear chemical resistant gloves. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Respirator use is not required for this product.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Appearance:	Clear blue liquid.
9.2	Odor:	Vinegar.
9.3	Odor Threshold:	No information available.
9.4	pH:	3.0 - 4.0
9.5	Melting Point:	Not applicable.
9.6	Freezing point:	No information available.
9.7	Boiling Point & Boiling Range:	211 °F (99 °C)
9.8	Flash Point:	No information available.
9.9	Evaporation Rate:	No information available.
9.10	Flammability (solid, gas):	Not flammable.
9.11	Upper / Lower Flammability or Explosive Limits:	No information available.
9.12	Vapor Pressure:	No information available.
9.13	Vapor Density:	No information available.
9.14	Relative Density (Specific Gravity):	1.0 (approx.)
9.15	Solubility in Water:	Completely miscible (100%).
9.16	Partition Coefficient: (n-octanol / water):	No information available.
9.17	Auto-ignition Temperature:	Will not ignite.
9.18	Decomposition Temperature:	No information available.
9.19	Viscosity:	No information available.

SECTION 10: STABILITY AND REACTIVITY

10.1	Stability:	Stable.
10.2	Incompatible Substances:	Strong oxidizing material and strong bases.
10.3	Hazardous Decomposition Products:	Decomposition will not occur.
10.4	Conditions to Avoid:	Freezing temperatures or excess heat.
10.5	Hazardous Polymerization:	Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Acute Toxicity:	Ingestion, inhalation, no appreciable entry known through intact skin although irritation possible, eye contact. No irritant effect on the skin. No irritant effect on the eyes. No sensitizing effects known. No numerical measures of toxicity data available.
11.2	Chronic Toxicity:	No data available.
11.3	Reproductive Toxicity:	No data available.
11.4	Carcinogenicity:	This product is not known or reported to be carcinogenic by any reference source including NTP, IARC, or OSHA.
11.5	Mutagenicity:	No data available.

SECTION 12: ECOLOGICAL INFORMATION

No data available on Aquatic Toxicity, Avian Toxicity or Environmental Hazards.

SECTION 13: DISPOSAL CONSIDERATIONS

Material Disposal: If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Please be advised that state and local requirements for waste disposal may be more restrictive or otherwise different from federal regulations. Consult state and local regulations regarding the proper disposal of this material.

Container Disposal: Rinse original container with water before disposal. Container can be disposed of with household waste.

SECTION 14: TRANSPORT INFORMATION

US D.O.T.: Not regulated.

SECTION 15: REGULATORY INFORMATION

15.1	U.S. Regulations:	
	15.1.1 OSHA HAZCOM (Hazard Communication)	This product is NOT considered hazardous under the OSHA HAZCOM Standard (29 CFR 1910.1200)
	15.1.2 OSHA PSM (Process Safety Management)	Not regulated under PSM Standard (29 CFR 1910.119)
	15.1.3 EPA FIFRA (Federal Insecticide, Fungicide and Rodenticide Act)	Not regulated as a pesticide.
	15.1.4 SARA (Superfund Amendments and Reauthorization Act) Title III Section 313:	No reporting requirement.
	15.1.5 EPA CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act)	Not regulated as hazardous substances.
	15.1.6 EPA TSCA (Toxic Substance Control Act)	Listed on the inventory.
	15.1.7 EPA RMP (Risk Management Plan)	Not regulated. (40 CFR 68.130)
15.2	State of California Regulations:	
	15.2.1 Cal ARP: (California Accidental Release Prevention)	Not regulated.
	15.2.2 CDPR: (California Department of Pesticide Regulation)	Not regulated.
	15.2.3 Prop 65: (Safe Drinking Water and Toxic Enforcement Act of 1986)	Not listed.

SECTION 16: OTHER INFORMATION			
16.1	HMIS III (Hazardous Materials Identification System):		
	16.1.1	HEALTH	<i>Not rated by supplier.</i>
	16.1.2	FLAMMABILITY	
	16.1.3	PHYSICAL HAZARD	
	16.1.4	PERSONAL PROTECTION	
16.2	NFPA 704 (National Fire Protection Association):		
	16.2.1	HEALTH	<i>Not rated by supplier.</i>
	16.2.2	FLAMMABILITY	
	16.2.3	INSTABILITY	
	16.2.4	SPECIAL	
16.3	ANSI (American National Standards Institute):		
	16.3.1	Hazardous Industrial Chemicals - MSDS-Preparation:	Complies with ANSI Z400.1 – 2004.
	16.3.2	Hazardous Industrial Chemicals - Precautionary Labeling:	Complies with ANSI Z129.1 – 2006.

Note: The information contained herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge and belief. NO WARRANTY OR GUARANTEE, express or implied, is made regarding the product performance, product stability, or as to any other condition of use, handling, transportation, and storage. Customer use, handling, transportation, and storage may involve additional safety and/or performance considerations. Our technical personnel will be happy to respond to questions regarding safe handling, storage, transportation, and use procedures. The safe handling, storage, transportation, and use procedures remain the sole responsibility of the customer. No suggestions for handling, storage, transportation, or use are intended as or to be construed as recommendations which may infringe on any existing patents or violate any Federal, State, and/or local law and/or regulation, ordinance, standard, etc. This Safety Data Sheet has been prepared by HASA, Inc. staff from test reports and other information available in the public domain.